

PARASITOLOGY

EDITED BY

GEORGE H. F. NUTTALL, F.R.S.

Quick Professor of Biology in the University of Cambridge

AND

A. E. SHIPLEY, F.R.S.

Reader in Zoology in the University of Cambridge

ASSISTED BY

EDWARD HINDLE, PH.D.

Volume VII 1914-15

Cambridge :
at the University Press
1915

PARASITOLOGY

Cambridge :

PRINTED BY JOHN CLAY, M.A.

AT THE UNIVERSITY PRESS

CONTENTS

No. 1 (May).

	PAGE
LEBOUR, MARIE V. Some Larval Trematodes from Millport. (With Plate I)	1
STRICKLAND, C. Short Description of the Larva of <i>Lophoscelomyia asiatica</i> , Leicester 1905, and Notes on the Species. (With 3 Text-figures)	12
COLES, ALFRED C. Blood Parasites found in Mammals, Birds and Fishes in England. (With Plates II-V)	17
GOODALL, A. The Trypanblue Treatment in Piroplasmosis of Domesticated Animals in South Africa	62
IMMS, A. D. The Scope and Aims of Applied Entomology	69
VALLADARES, J. F. Equine Biliary Fever in Madras	88
NUTTALL, G. H. F. "Tick Paralysis" in Man and Animals. Further Published Records, with Comments	95

No. 2 (June).

NICOLL, WILLIAM. The Trematode Parasites of North Queensland. II. Parasites of Birds. (With Plates VI and VII)	105
HEWITT, C. GORDON. The Occurrence of a Slug (<i>Limax</i> sp.) in the Human Stomach	127
BAHR, P. H. An Epidemiological Study of Filariasis in Ceylon. (With 1 Map)	128
BAHR, P. H. Studies on Malaria in Ceylon. With Special Reference to its Prevention in Agricultural Districts. (With Plates VIII-XIII and 2 Maps)	135

	PAGE
BACOT, A. W. and RIDEWOOD, W. G. Observations on the Larvae of Fleas. (With 6 Text-figures)	157
MACGREGOR, MALCOLM EVAN. The Posterior Stigmata of Dipterous Larvae as a Diagnostic Character: with especial Reference to the Larvae incriminated in Cases of Myiasis. (With Plates XIV-XVI and 3 Text-figures)	176
INNES, J. ALEXANDER and CAMPBELL, A. ELMSLIE. The Occurrence of <i>Oxyuris vermicularis</i> in the Human Vermiform Appendix	189

No. 3 (October).

CAVE, STORRAR. A Note on the Presence of <i>Ostertagia trifurcata</i> in the Abomasum of a Sheep in England. (With 3 Text-figures)	201
LEIGH-SHARPE, W. HAROLD. <i>Calliobdella lophii</i> . (With 5 Text-figures).	204
YOSHIDA, S. O. On a Second and Third Case of Infection with <i>Plerocercoides prolifer</i> Ijima, found in Japan. (With Plate XVII)	219
SEIDELIN, HARALD. Ingestion of Erythrocytes by Trypanosomes. (With Plate XVIII)	226
HINDLE, EDWARD and GÓZONY, LAJOS. Abderhalden's Reaction and its Application in Certain Protozoal Infections	228
BOULENGER, CHARLES L. A List of Nematode Parasites observed in the Alimentary Canal of Sheep in England. (With Plate XIX and 4 Text-figures)	240
NUTTALL, GEORGE H. F. Tick Abnormalities (With 11 Text-figures).	250
NUTTALL, GEORGE H. F. Penetration of <i>Ixodes</i> beneath the Skin	258
HINDLE, EDWARD. Note on a Leg Abnormality in <i>Acanthia lectularia</i> . (With 1 Text-figure)	260
MEGGITT, F. J. On the Anatomy of a Fowl Tapeworm, <i>Amoebotaenia sphenoides</i> von Linstow. (With Plates XX and XXI)	262
MURRAY, C. HAY. Notes on the Anatomy of the Bed Bug, (<i>Acanthia lectularia</i> L. (With Plates XXII and XXIII and 40 Text-figures).	278
PORTER, ANNIE. The Morphology and Biology of <i>Herpetomonas patellae</i> , n.sp., parasitic in the Limpet, <i>Patella vulgata</i> , together with Remarks on the Pathogenic Significance of Certain Flagellates found in Invertebrates. (With 17 Text-figures)	322

No. 4 (March, 1915).

	PAGE
HADWEN, SEYMOUR. Warble Flies. A Further Contribution on the Biology of <i>Hypoderma lineatum</i> and <i>Hypoderma bovis</i> . (With Plates XXIV and XXV)	331
NICOLL, WILLIAM. A List of the Trematode Parasites of British Marine Fishes	339
STRICKLAND, C. Note on a Case of "Tick-Paralysis" in Australia	379
STRICKLAND, C. The Nuclear Changes in <i>Agrippina bona</i> Strickland	380
HARRISON, LAUNCELOT. On a New Family and Five New Genera of Mallophaga. (With Plates XXVI and XXVII and 3 Text-figures)	383
NUTTALL, GEORGE H. F. Observations on the Biology of Ixodidae. Part II. Dealing with: 1. <i>Amblyomma hebraeum</i> Koch, 1844. 2. <i>Amblyomma variegatum</i> (Fabricius, 1794) Koch, 1844. 3. <i>Amblyomma splendidum</i> Giebel, 1877. 4. <i>Dermacentor reticulatus</i> (Fabricius, 1794) Koch, 1844. 5. " <i>Dermacentor venustus</i> Banks." 6. <i>Haemaphysalis cinnabarina</i> Koch, 1844. 7. <i>Haemaphysalis concinna</i> Koch, 1844. 8. <i>Haemaphysalis inermis</i> Birula, 1895. 9. <i>Hyalomma aegyptium</i> (Linnaeus, 1758) Koch, 1844. 10. <i>Hyalomma syriacum</i> Koch, 1844. 11. <i>Ixodes putus</i> (Pickard-Cambridge, 1876) Neumann, 1899. 12. <i>Rhipicephalus appendiculatus</i> Neumann, 1901. 13. <i>Rhipicephalus bursa</i> Canestrini and Fanzago, 1877. 14. <i>Rhipicephalus sanguineus</i> (Latreille, 1804) Koch 1844	408
NUTTALL, G. H. F. Artificial Parthenogenesis in Ticks	457
INDEX OF AUTHORS	462
INDEX OF SUBJECTS	464

